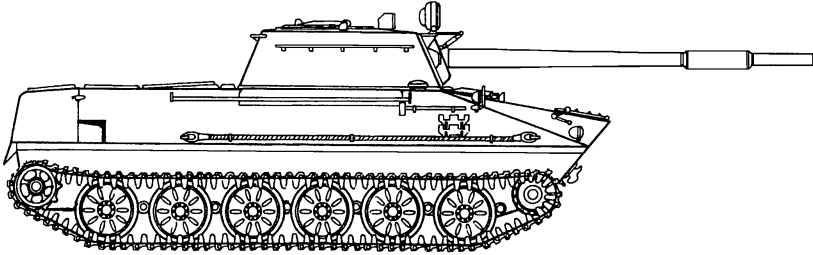


North Korean Light Tank M1985

	<table> <tr> <th>Weapons & Ammunition Types</th><th>Typical Combat load</th></tr> <tr> <td> 85-mm rifled gun APC-T/HVAP-T HEAT-FS AP HE Frag-HE, HE </td><td>47*</td></tr> <tr> <td> ATGM Launcher AT-3-type ATGM </td><td>4*</td></tr> <tr> <td>12.7-mm AAMG</td><td>500*</td></tr> <tr> <td>7.62-mm coax MG</td><td>*(est) 1,000*</td></tr> </table>	Weapons & Ammunition Types	Typical Combat load	85-mm rifled gun APC-T/HVAP-T HEAT-FS AP HE Frag-HE, HE	47*	ATGM Launcher AT-3-type ATGM	4*	12.7-mm AAMG	500*	7.62-mm coax MG	*(est) 1,000*
Weapons & Ammunition Types	Typical Combat load										
85-mm rifled gun APC-T/HVAP-T HEAT-FS AP HE Frag-HE, HE	47*										
ATGM Launcher AT-3-type ATGM	4*										
12.7-mm AAMG	500*										
7.62-mm coax MG	*(est) 1,000*										
<p>SYSTEM Alternative Designations: Often called <u>PT-85</u> Date of Introduction: 1985 Proliferation: At least 1 country Description: Crew: 3-4 Combat Weight (mt): 19.0 Chassis Length Overall (m): 7.0 Height Overall (m): 2.6 Width Overall (m): 3.2 Ground Pressure (kg/cm²): INA</p> <p>Automotive Performance: Engine Type: 320-hp Diesel Cruising Range (km): 500 Speed (km/h): Max Road: 60 Max Off-Road: INA Average Cross-Country: INA Max Swim: 10 Fording Depths (m): Amphibious</p> <p>Radio: INA Protection: Armor, Turret Front (mm): 30 (est.) Applique Armor (mm): N/A Explosive Reactive Armor (mm): N/A Mineclearing Equipment: N/A Self-Entrenching Blade: N/A Active Protective System: No NBC Protection System: INA Smoke Equipment: INA</p> <p>ARMAMENT Main Armament: 85-mm rifled gun, resembles CH Types 62 and 63 Rate of Fire(rd/min): 8 Loader Type: Manual Ready/Stowed Rounds: INA Elevation (°) : -5 to + 18 Fire on Move: No (est.)</p> <p>Auxiliary Weapons: Caliber, Type, Name: 12.7-mm (12.7 x 108), Type 54/DShKM Mount Type: Cupola Max Aimed Range (m): 2,000</p>	<p>Max Effective Range (m): Day: 1,600 unarmored ground / 800 armored (est.) Night: INA Tactical AA Range: 1,600 (est.) Armor Penetration (mm): 21 at 500 m, 13 at 1,000 m</p> <p>Caliber, Type, Name: 7.62-mm Machine gun PKT Mount Type: Turret coax Max Effective Range (m): Day: 1,000 (400-500 on the move) Night: 800 Fire on Move: Yes Rate of Fire (rd/min): Practical: 250 Cyclic: 650, in 2-10 round bursts</p> <p>ATGM Launcher: Name: Similar to 9P111 Launch Method: Rail-launched Guidance: MCLOS Command Link: Wire Launcher Dismountable: Yes</p> <p>FIRE CONTROL FCS Name: INA Main Gun Stabilization: None Rangefinder: None Infrared Searchlight: Yes Sights w/Magnification: Gunner: Day: INA Field of View (°): INA Acquisition Range (m): 1,500-3,000 (est.) Night: IR, INA Field of View (°): INA Acquisition Range (m): 800 (est.)</p> <p>Commander Fire Main Gun: INA</p> <p>VARIANTS: N/A</p> <p>MAIN ARMAMENT AMMUNITION Caliber, Type, Name: 85-mm HVAP-T, BR-365PK Max Aimed Range (m): 1,500 (est) Max Effective Range (m): Day: 1,150 (direct fire range) Night: 800 Armor Penetration (mm): 130 (0°) at 1,000 m</p>										

North Korean Light Tank M1985 continued

<p>Caliber, Type, Name: 85-mm APC-T, Type 367 Max Aimed Range (m): 1,500 (est) Max Effective Range (m): Day: 1,150 (est) Night: 800 Armor Penetration (mm): 120 (0°) at 1,000 m</p> <p>Caliber, Type, Name: 85-mm HEAT-FS (variant of BK-2M) Max Aimed Range (m): 1,500 (est) Max Effective Range (m): Day: 1,500/970 direct fire range Night: 800 Armor Penetration (mm): 100 at 65°, 300-400 at 0° all ranges</p> <p>Caliber, Type, Name: 85-mm, AP HE, Max Aimed Range (m): 2,000-3,000 (est.) Max Effective Range (m): Day: 1,500/950 direct-fire range Night: 800 Armor Penetration (mm): 102 (0°) at 1,000 m</p> <p>Caliber, Type, Name: 85-mm Frag-HE, INA (Copy of O-365K) Max Aimed Range (m): 4,000 (est) Max Effective Range (m): Day: 1,500 (est) Night: 800 Armor Penetration (mm): Can defeat most IFVs on impact</p> <p>Other Ammunition Types: Chinese Smoke, AP HE. Russian BR-365P HVAP-T, BK-2M HEAT-FS</p> <p>Antitank Guided Missiles: Name: AT-3, -3A, -B Warhead Type: Tandem HEAT Armor Penetration (mm): 410 RHA Range (m): 3,000</p>	<p>Name: AT-3C Warhead Type: Tandem HEAT Armor Penetration (mm): 520 RHA Range (m): 3,000</p> <p>Name: AT-3C Imp/ Polk (Slovenian) Warhead Type: Precursor with HEAT Armor Penetration (mm): 580 RHA Range (m): 3,000</p> <p>Name: Red Arrow-73A (Chinese) Warhead Type: HEAT Armor Penetration (mm): 500 RHA Range (m): 3,000</p> <p>Name: Red Arrow-73B/C (Chinese) Warhead Type: HEAT Armor Penetration (mm): 600 RHA Range (m): 3,000</p> <p>Name: Malyutka-2 Warhead Type: Tandem HEAT Armor Penetration (mm): 800 RHA Range (m): 3,000</p> <p>Name: Malyutka-2 HE Warhead Type: Frag-HE Armor Penetration (mm): N/A Range (m): 3,000</p>
--	--

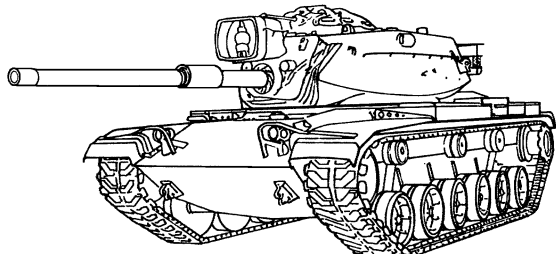
NOTES

Chassis is derived from North Korean stretched VTT-323 APC chassis.

Main gun is of the family which includes Chinese Type 62 and 63 tank guns, Chinese Type 56/ FSU D-44 field guns, and the T-34/85 tank. Therefore, ammunition options includes the variety of ammunition available for these guns.

The AT-3-type ATGM can be upgraded by an operator with a new warhead in minutes. Low-mid level maintenance can upgrade the missile motor. The HE-Blast ATGM is used for killing personnel and destroying bunkers and other fortifications.

United States Main Battle Tank M60A1/M60A3

 <p style="text-align: center;">M60A1</p>	<table><tr><th>Weapons & Ammunition Types</th><th>Typical Combat Load</th></tr><tr><td>105-mm rifled gun APFSDS-T HEAT HE APERS-T/Canister</td><td>63</td></tr><tr><td>.50 cal AA MG 7.62-mm coaxial MG</td><td>900 5,950</td></tr></table>	Weapons & Ammunition Types	Typical Combat Load	105-mm rifled gun APFSDS-T HEAT HE APERS-T/Canister	63	.50 cal AA MG 7.62-mm coaxial MG	900 5,950
Weapons & Ammunition Types	Typical Combat Load						
105-mm rifled gun APFSDS-T HEAT HE APERS-T/Canister	63						
.50 cal AA MG 7.62-mm coaxial MG	900 5,950						
<p>SYSTEM (M60A1 / M60A3, where their data differs) Alternative Designations: INA Date of Introduction: 1963/1979 Proliferation: At least 17 countries Description: Crew: 4 Combat Weight (mt): 52.5 Chassis Length Overall (m): 6.95 Height Overall (m): 3.27 Width Overall (m): 3.63 Ground Pressure (kg/cm²): 0.87</p> <p>Automotive Performance: Engine Type: 750-hp Diesel Cruising Range (km): 550 Speed (km/h): Max Road: 48 Max Off-Road: 45 Average Cross-Country: 35 Max Swim: N/A Fording Depths (m): 1.2, 2.4 Prepared, 4 with snorkel Radio: AN/VRC-12, or compatible with army net radios</p> <p>Protection: Armor, Turret Front (mm): 325 KE RHA at 2,000 m/325 CE Applique Armor (mm): Available, including modular armor Explosive Reactive Armor (mm): BLAZER and others available Active Protective System: N/A Mineclearing Equipment: GDLS mine roller system available Self-Entrenching Blade: INA NBC Protection System: Yes Smoke Equipment: Smoke grenade launchers (2 x 6) on M60A3 VEESS on later M60A3s</p> <p>ARMAMENT Main Armaments: Caliber, Type, Name: 105-mm 51-cal rifled gun, M68 Rate of Fire (rd/min): 6-8 Loader Type: Manual Ready/Stowed Rounds: 16/ 47 Elevation (°): -10 to +20 Fire on Move: No</p> <p>Auxiliary Weapon: Caliber, Type, Name: 7.62-mm (7.62x51) Machinegun, M73/M240 Mount Type: Turret coax Max Aimed Range (m): 2,000 (est) Max Effective Range (m): Day: 1,800 Night: INA Fire on Move: Yes Rate of Fire (rd/min): 600-950</p>	<p>Caliber, Type, Name: .50 cal (12.7-mm) AA Machinegun, M85 Mount Type: Cupola Max Aimed Range (m): 2,000 Max Effective Range (m): Day: 2,000 (est) Night: INA Fire on Move: Yes Rate of Fire (rd/min): 450-550 (est)</p> <p>FIRE CONTROL FCS Name: M32E1 day/night periscope / M35 or M36E1 sight Main Gun Stabilization: Available / poor 2-plane Rangefinder: M17C coincidence / AN/VVG-2 ruby laser Infrared Searchlight: Number 2 IR and white light Sights w/Magnification: Gunner: Day: M31, 8x / M35 or M36E1, 8x Field of View (°): 7.5 Acquisition Range (m): 2,000 / 3,000 Night: None, IR, II available/ None, II, thermal (See NOTES) Field of View (°): INA / See NOTES Acquisition Range (m): INA Commander Fire Main Gun: INA</p> <p>VARIANTS M60: Original tank was derived from M48, but with a 105-mm gun. Vehicles derived from the M60 include M60 AVLB, the M9 bulldozer, and M728 Combat Engineer Vehicle.</p> <p>M60A1: Features a reshaped turret, added ammunition stowage, range-finder, improved fire control, and improved running gear.</p> <p>M60A2: Unique and less successful tank version with a 152-mm gun and Shillelagh ATGM from the M-551/Sheridan.</p> <p>M60A3: This version has better engine, fire control, thermal sights, ballistic computer, thermal sleeve, and improved stabilizer. A number of countries have upgraded M60A1s to comparability to the M60A3 standard. These include Israel, Austria, and Saudi Arabia.</p> <p>MAGACH-7: Israeli variant with improved engine, track, fire control system, added stabilized sights, modular armor, armor track skirts, thermal sleeve, and with two 7.62-mm only cupola MGs.</p> <p>MAIN ARMAMENT AMMUNITION Caliber, Type, Name: 105-mm APFSDS, UI (New Chinese) Max Aimed Range (m): 3,000 Max Effective Range (m): Day: 2,000 / 3,000 (est) Night: INA Armor Penetration (mm): 460 at 2,000 m</p>						

United States Main Battle Tank M60A1/M60A3 continued

<p>Caliber, Type, Name: 105-mm APFSDS, H6/62 (UK) Max Aimed Range (m): 3,000 Max Effective Range (m): Day: 2,000 / 3,000 Night: INA Armor Penetration (mm): NATO single heavy target, 5,000 m</p> <p>Caliber, Type, Name: 105-mm APFSDS, DM23 (GE) Max Aimed Range (m): 3,000 Max Effective Range (m): Day: 2,000 / 3,000 Night: INA Armor Penetration (mm): 150, NATO single heavy target, 60° at 2,000 m</p> <p>Caliber, Type, Name: 105-mm HEAT, M456 (multinational) Max Aimed Range (m): 3,000 Max Effective Range (m): Day: 1,500-2,000 / 1,500-2,500 (est.) Night: INA Armor Penetration (mm): 432, NATO single heavy target</p>	<p>Caliber, Type, Name: 105-mm HESH, L35 (UK) Max Aimed Range (m): 3,000 Max Effective Range (m): Day: 2,000 / 2,000-2,500 (est.) Night: INA Armor Penetration (mm): NATO single heavy target</p> <p>Caliber, Type, Name: 105-mm HE, HE-OE (FR) Max Aimed Range (m): 3,000 Max Effective Range (m): Day: 2,000 / 2,500-3,000 (est.) Night: INA Armor Penetration (mm): INA</p> <p>Caliber, Type, Name: 105-mm APERS-T, M494 (Flechette) Max Aimed Range (m): 3,000 Max Effective Range (m): Day: 2,000 / 3,000 Night: INA Armor Penetration (mm): N/A</p> <p>Other Ammunition Types: Chinese Type 83/ UK L64/ US M735 APFSDS, UK L52 APDS, multinational M393 HEP-T, L39 Smoke, French OBUS 105 F1 Illuminating, Australian TC800 Canister (balls)</p>
---	---

NOTES

A variety of day and night sights (including thermal and stabilized), stabilization systems and ballistic computers are available for M60A1 and M60A3. The TTS thermal sight (5x and 10x, FOV 6x4 and 12x8°) was added to US M60A3, and has been widely fielded.

The Swiss 120-mm Compact Tank Gun is available.

Israeli IMI offers the APAM round with submunitions and a time fuze.

Israeli IAI now offers LAHAT gun-launched ATGM, with semi-active laser homing and tandem warhead; but it requires modified fire control.

Israeli IMI offers several upgrade packages, such as SABRA, for the SABRA MBT. This private venture includes extensive upgrades for mobility, lethality, and protection, including a 120-mm main gun.